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Sub D7
C2
31. (Twice amended) A device for treating a heart to alter the effective refractory period, comprising a substrate having linked multiple electrode pairs consisting of two columns for contacting an epicardial surface of a heart and a pacemaker for delivering periodic pacemaker electrical signals to the epicardial surface through said electrode pairs, to alter the effective refractory period in the heart.

Sub D3
C3
50. (Twice amended) A device for treating a heart to induce ion channel remodeling, comprising a substrate having linked multiple electrode pairs consisting of two columns for contacting an epicardial surface of a heart and a pacemaker for delivering periodic pacemaker electrical signals to the epicardial surface through said electrode pairs, to induce ion channel remodeling in the heart.

Sub E1 C4
58. (Amended) A device for treating a heart to obtain gap junction remodeling, comprising a substrate having linked multiple electrode pairs consisting of two columns for contacting an epicardial surface of a heart and for delivering periodic pacemaker signals to the epicardial surface through said electrode pairs, to remodel gap junctions in the heart, wherein the electrode pairs are arranged in two columns with one electrode in each pair in one column, and the other electrode in each pair in the other column.

59. (Amended) A device for treating a heart to alter the effective refractory period comprising a substrate having linked multiple electrode pairs consisting of two columns for contacting an epicardial surface of a heart and for delivering periodic